



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kevin Fridley, Director
South Dakota Department of Agriculture
Division of Agricultural Services
523 East Capitol Avenue, Foss Bldg
Pierre, SD 57501-3182

Attn: Brad Berven
Fax: (605) 773-3481

Date Issued:	May 1, 2007
Expiration Date:	May 1, 2010
Interim Reports Due:	May 1, 2008; May 1, 2009
Final Report due:	October 1, 2010
File Symbol:	07-SD-05

The Environmental Protection Agency hereby grants a quarantine exemption under the provisions of section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to the South Dakota Department of Agriculture for the use of the product Environ LpH (containing the active ingredients ortho-benzyl-para-chlorophenol, para-tertiary-amyphenol, and ortho-phenylphenol) in laboratories, and other related facilities that handle animal tissues and wastes that are potentially contaminated by prions. Prions are the causative agents for the following transmissible spongiform encephalopathies (TSEs): chronic wasting disease (CWD), scrapie and bovine spongiform encephalopathy (BSE).


This quarantine exemption is subject to the conditions set forth in your request, as well as the following conditions and restrictions:

1. The South Dakota Department of Agriculture is responsible for ensuring that all provisions of this quarantine exemption are met. It is also responsible for providing a report about the results and effectiveness of this exemption on an annual basis in accordance with 40 CFR 166.32. This information must be submitted to EPA headquarters and the EPA regional office.
2. The product Environ LpH (EPA Reg. No. 1043-118), manufactured by Steris Corporation may be applied. All applicable directions, restrictions, and precautions on the submitted Section 18 use directions (as modified below in #3) as well as the EPA-registered product label must be followed.
3. The section 18 use directions must be modified to read as follows: Environ LpH may be

used on washable, hard, non-porous surfaces (such as floors, tables, equipment, and counters), items (such as non-disposable instruments, sharps, and sharp containers), and/or laboratory waste solutions (such as formalin or other liquids). Thoroughly mix the treatment solution until uniform. Discard treatment solution daily or when it becomes dirty and replace with a fresh solution. Remove gross filth mechanically before treatment begins. Apply a 5-9% concentration of the Environ LpH diluted in water (7-12 ounces of product to 1 gallon of water) to washable, hard, non-porous surfaces or items by mop, cloth, sponge, brush, squirt bottle, low volume coarse spray applicator, or immersion and maintain contact for at least 30 minutes. Re-treat as necessary to keep wet throughout the 30 minute time period. Following the contact time, surfaces or items may be rinsed with water and allowed to air dry. Items may also be soaked in a 0.9% concentration of the product (1.5 oz of product per gallon of water) for at least 16 hours. For laboratory waste solutions, add Environ LpH to create a final concentration of 5- 9% and allow a treatment period of at least 30 minutes or add Environ LpH to create a final concentration of 0.9% and allow a treatment period of at least 16 hours. Applications may be made on an as needed basis by qualified personnel.

4. EPA headquarters and the EPA regional offices shall be immediately informed of any adverse effects resulting from treatments made in connection with this exemption. Also, in accordance with 40 CFR 166.28(b) and 166.32(b), two annual interim reports summarizing the results of treatments under the quarantine exemption must be submitted to EPA headquarters and the regional office.
5. Any future correspondence in connection with this exemption should refer to file symbol 07-SD-05.

This is the second section 18 request that the South Dakota Department of Agriculture has submitted for this use of Environ LpH.


Lois Rossi, Director
Registration Division
Office of Pesticide Programs

Date: May 31, 2007

cc: EPA Region 8
Judy Bloom